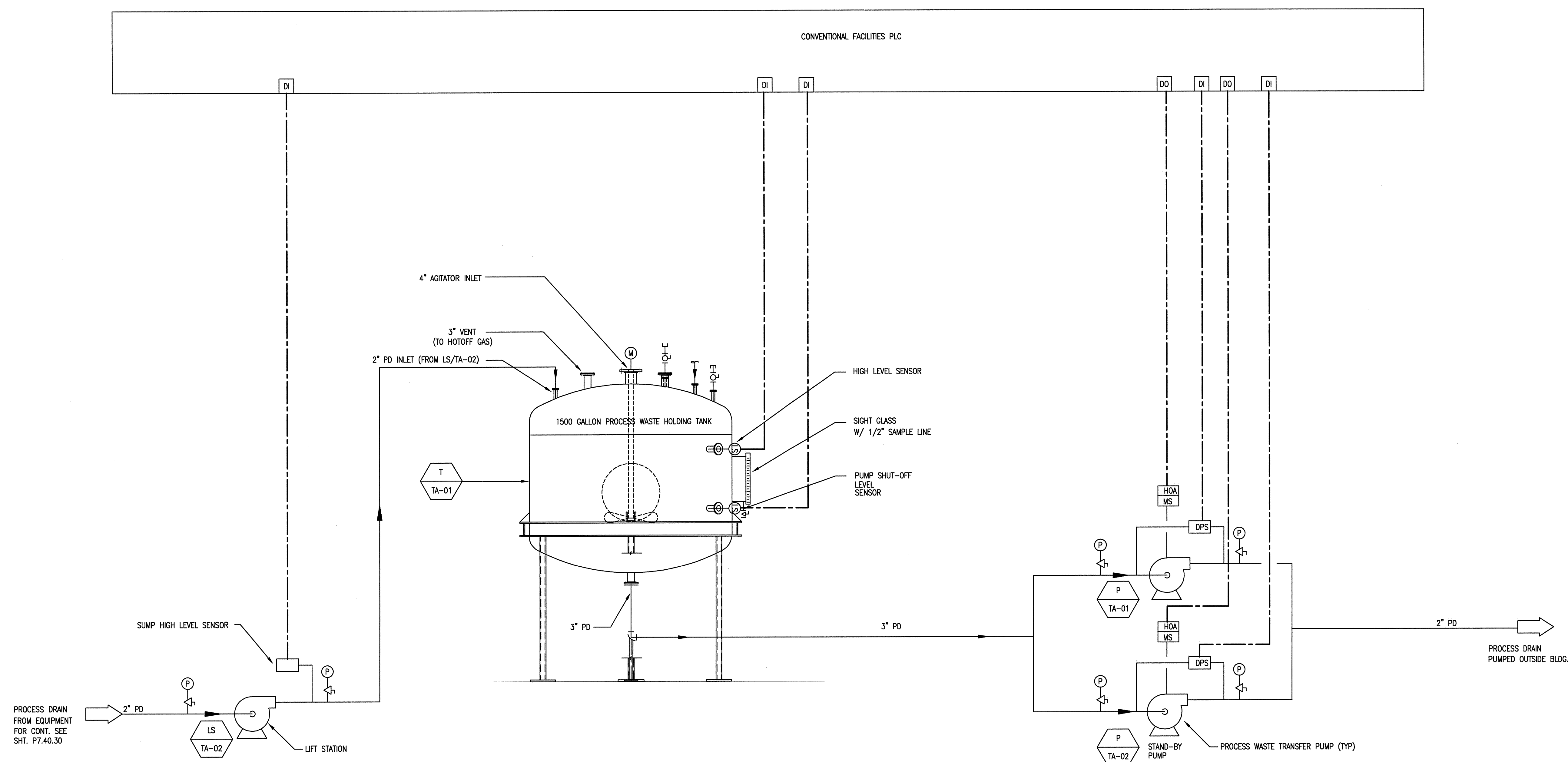
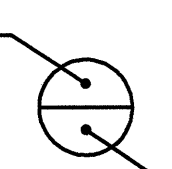


SEQUENCE OF OPERATION

1. GENERAL:
THE SYSTEM PUMP SHALL BE ENERGIZED THROUGH THE CONTROL SYSTEM AND SHALL RUN WHEN COMMANDED. SHOULD A PUMP FAIL TO START, THE CONTROL SYSTEM SHALL DEENERGIZE THE FAILED PUMP AND SEND A SIGNAL TO ENERGIZE THE STAND-BY PUMP AND INDICATE AN ALARM CONDITION.
2. LEVEL:
HIGH LEVEL SENSORS IN THE LIFT STATION SUMP AND PROCESS WASTE HOLDING TANK SHALL REPORT HIGH LEVEL ALARMS AT THE CONTROL STATION. SHOULD THE PUMP BE OPERATING AND THE PROCESS WASTE HOLDING TANK LEVEL REACH THE LOW LEVEL SENSOR, THE CONTROL SYSTEM SHALL DEENERGIZE THE OPERATING PUMP AND INDICATE AN ALARM CONDITION AT THE CONTROL STATION.

[illegible]

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NUMBER OF-
SECTION OR
DETAIL

SECTION AND DETAIL KEY

THIS DOCUMENT
CONTROLLED BY

CHANGE CONTROL
SYSTEM 3

ENGINEERING
PROCEDURE SNS-ENG-G001

[illegible]

	FOR R
	ONLY Y

	DSN
	DRW
	CHK
	DEPT

UTB
G APPROVALS

DSN	M.KEHOE	10/26/05
DRW	M.IGNACIO	10/26/05
CHK	B.JOHNSON	10/26/05
DEPT		
PE		
PJ		
REQ		
UTB		
APPROVALS		

 <p>Knight Jacobs 7017 ScARBoro Road, MS 8253 Oak Ridge, TN 37830 865-241-9433 fax 865-241-3400</p>	<p style="font-size: 24pt; font-weight: bold;">108030700-P8E-8700-A091</p> <div style="border: 2px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p style="font-size: 36pt; font-weight: bold; margin: 0;">KNIGHT</p> <p style="font-size: 18pt; font-weight: bold; margin: 0;">Knight Advanced Technology</p> <p style="font-size: 10pt; margin-top: 10px;">545 West Randolph Street Chicago, IL 60611</p> </div>
 <p>UT-BATTELLE</p>	<p>Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT DE-AC05-80OR22725 <small>UT-Battelle, LLC, c/o Oak Ridge, Tennessee</small></p>
<p>PROJECT NAME:</p> <p style="font-size: 24pt; font-weight: bold;">SPALLATION NEUTRON SOURCE</p>	
<p style="font-size: 24pt; font-weight: bold;">TARGET BUILDING</p> <p style="font-size: 24pt; font-weight: bold;">PROCESS WASTE CONTROL DIAGRAM</p>	